

## CERTIFICATE OF EXPRESS MAILING UNDER 37 CFR 1.10

Express Mail, Airmail No.

I hereby certify that on the date indicated below, this paper was deposited with the U.S. Postal Service and that it was addressed for delivery to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 by "Express Mail Post Office to Addressee" service.

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Date

Name

Signature

Customer No.: 07278

Docket No.: 01641/0204258-US0

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Karl Heinz et. al.

Serial No.: 10/596,626

Filed: June 19, 2006

For: MICROLITHOGRAPHY PROJECTION OBJECTIVE WITH CRYSTAL LENS

RECEIVED  
26 APR 2007  
Legal Staff  
International Division

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**REQUEST FOR CORRECTED FILING RECEIPT**  
**AND NOTICE OF ACCEPTANCE**

Commissioner of Patents and Trademarks  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

1. Attached are copies of the official filing receipt and Notice of Acceptance received from the PTO in the above application for which issuance of a corrected filing receipt and Notice of Acceptance is respectfully requested.
2. There is an error with respect to the following data, which is:



incorrectly entered

and/or



omitted.

## Error in

## Omitted data

- |                                     |  |            |
|-------------------------------------|--|------------|
| <input type="checkbox"/>            | Applicant's name                               |            |
| <input type="checkbox"/>            | Applicant's address                            |            |
| <input type="checkbox"/>            | Title  |            |
| <input checked="" type="checkbox"/> | Filing Date                                    | 09/15/2006 |
| <input type="checkbox"/>            | Application Number                             |            |
| <input type="checkbox"/>            | Domestic Priority data as claimed by applicant |            |
| <input type="checkbox"/>            | Notice of Acceptance - Priority Date           | 09/15/2006 |

## REMARKS


Enclosed please find a copy of the electronic acknowledgement receipt with the correct filing date of the executed declaration listed plus a copy of the Executed Declaration.

Marked up copies of the Filing Receipt and Notice of Acceptance are also enclosed.

The Commissioner is respectfully requested to issue new and correct Filing Receipt and Notice of Acceptance documents.

Respectfully submitted,

Dated: April 25, 2007

  
\_\_\_\_\_  
Flynn Barrison  
Reg. No. 53,970  
Agent for Applicant(s)

DARBY & DARBY P.C.  
P.O. Box 5257  
New York, New York 10150-5257  
212-527-7700



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
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APPL NO.	FILING OR 371(c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	TOT CLMS	IND CLMS
10/596,626	06/19/2006	3744	1740	01641/0204258-US0	18	3

7278  
 DARBY & DARBY P.C.  
 P. O. BOX 5257  
 NEW YORK, NY 10150-5257

CONFIRMATION NO. 8534

## FILING RECEIPT



\*OC000000022037429\*

Date Mailed: 04/11/2007

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

## Applicant(s)

Karl-Heinz Schuster, Konigsbronn, GERMANY;  
 Wilfried Clauss, Tuebingen, GERMANY;

Power of Attorney: The patent practitioners associated with Customer Number 07278.

## Domestic Priority data as claimed by applicant

This application is a 371 of PCT/EP04/14290 12/15/2004  
 which claims benefit of 60/530,623 12/19/2003  
 and claims benefit of 60/568,006 05/04/2004

## Foreign Applications

If Required, Foreign Filing License Granted: 01/17/2007

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/596,626**

Projected Publication Date: 04/26/2007

Non-Publication Request: No

Early Publication Request: No

**Title**

Microlithography projection objective with crystal lens

**Preliminary Class**

062

**PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES**

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person ~~desiring a patent in a particular country must make an~~ application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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**LICENSE FOR FOREIGN FILING UNDER****Title 35, United States Code, Section 184****Title 37, Code of Federal Regulations, 5.11 & 5.15****GRANTED**

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof

unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

#### **NOT GRANTED**

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

J. Williams

U.S. APPLICATION NUMBER NO.

10/596,626

FIRST NAMED APPLICANT

Karl-Heinz Schuster

ATTY. DOCKET NO.

01641/0204258-US0

INTERNATIONAL APPLICATION NO.

PCT/EP04/14290

I.A. FILING DATE

12/15/2004

PRIORITY DATE

12/19/2003

7278

DARBY &amp; DARBY P.C.

P. O. BOX 5257

NEW YORK, NY 10150-5257

CONFIRMATION NO. 8534

371 ACCEPTANCE LETTER



\*OC000000022037430\*

Date Mailed: 04/11/2007

## NOTICE OF ACCEPTANCE OF APPLICATION UNDER 35 U.S.C 371 AND 37 CFR 1.495

The applicant is hereby advised that the United States Patent and Trademark Office in its capacity as a Designated / Elected Office (37 CFR 1.495), has determined that the above identified international application has met the requirements of 35 U.S.C. 371, and is ACCEPTED for national patentability examination in the United States Patent and Trademark Office.

The United States Application Number assigned to the application is shown above and the relevant dates are:

06/19/2006 ?

09/15/2006

DATE OF RECEIPT OF 35 U.S.C. 371(c)(1), (c)(2) and (c)(4) REQUIREMENTS

DATE OF COMPLETION OF ALL 35 U.S.C. 371 REQUIREMENTS

A Filing Receipt (PTO-103X) will be issued for the present application in due course. THE DATE APPEARING ON THE FILING RECEIPT AS THE " FILING DATE" IS THE DATE ON WHICH THE LAST OF THE 35 U.S.C. 371 (c)(1), (c)(2) and (c)(4) REQUIREMENTS HAS BEEN RECEIVED IN THE OFFICE. THIS DATE IS SHOWN ABOVE. The filing date of the above identified application is the international filing date of the international application (Article 11(3) and 35 U.S.C. 363). Once the Filing Receipt has been received, send all correspondence to the Group Art Unit designated thereon.

The following items have been received:

- Copy of the International Application filed on 06/19/2006
- Copy of the International Search Report filed on 06/19/2006
- Preliminary Amendments filed on 06/19/2006
- Information Disclosure Statements filed on 06/19/2006
- Oath or Declaration filed on 06/19/2006
- U.S. Basic National Fees filed on 06/19/2006
- Substitute Specification filed on 06/19/2006
- Priority Documents filed on 06/19/2006

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

---

MAMIE P PERSON

Telephone: (703) 308-9140 EXT 227

**PART 1 - ATTORNEY/APPLICANT COPY**

FORM PCT/DO/EO/903 (371 Acceptance Notice)



## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	1203755
<b>Application Number:</b>	10596626
<b>Confirmation Number:</b>	8534
<b>Title of Invention:</b>	MICROLITHOGRAPHY PROJECTION OBJECTIVE WITH CRYSTAL LENS
<b>First Named Inventor:</b>	Karl-Helnz Schuster
<b>Customer Number:</b>	7278
<b>Filer:</b>	Jay Philip Lessler/Lillian Garcia
<b>Filer Authorized By:</b>	Jay Philip Lessler
<b>Attorney Docket Number:</b>	01641/0204258-US0
<b>Receipt Date:</b>	15-SEP-2006
<b>Filing Date:</b>	
<b>Time Stamp:</b>	16:37:14
<b>Application Type:</b>	U.S. National Stage under 35 USC 371
<b>International Application Number:</b>	

### Payment information:

<b>Submitted with Payment</b>	yes
<b>Payment was successfully received in RAM</b>	\$ 1440
<b>RAM confirmation Number</b>	291
<b>Deposit Account</b>	

### File Listing:

Document Number	Document Description	File Name	File Size(Bytes)	Multi Part	Pages
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1		00855020.PDF	143814	yes	6
	<b>Multipart Description</b>				
	<b>Doc Desc</b>		<b>Start</b>	<b>End</b>	
	Transmittal letter		1	3	
	Oath or Declaration filed		4	6	
<b>Warnings:</b>					
The page size in the PDF is too large. The pages should be 8.5 x 11 or A4. If this PDF is submitted, the pages will be resized upon entry into the Image File Wrapper and may affect subsequent processing					
<b>Information:</b>					
2	Fee Worksheet (PTO-875)	fee-info.pdf	8667	no	2
<b>Warnings:</b>					
<b>Information:</b>					
<b>Total Files Size (in bytes):</b>			152481		
<p><b>This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.</b></p> <p><b><u>New Applications Under 35 U.S.C. 111</u></b> If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.</p> <p><b><u>National Stage of an International Application under 35 U.S.C. 371</u></b> If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.</p>					

**Acknowledgement Receipt**

The USPTO has received your submission at **16:37:14** Eastern Time on **15-SEP-2006**.

\$ **1440** fee paid by e-Filer via *RAM* with Confirmation Number: 291.

**eFiled Application Information**

EFS ID	1203755
Application Number	10596626
Confirmation Number	8534
Title	MICROLITHOGRAPHY PROJECTION OBJECTIVE WITH CRYSTAL LENS
First Named Inventor	Karl-Heinz Schuster
Customer Number or Correspondence Address	7278
Filed By	Jay Philip Lessler/Lillian Garcia
Attorney Docket Number	01641/0204258-US0
Filing Date	
Receipt Date	15-SEP-2006
Application Type	U.S. National Stage under 35 USC 371

**Application Details**

Submitted Files	Page Count	Document Description	File Size	Warnings
00855020.PDF	6		143814 bytes	⚠ WARNINGS

The page size in the PDF is too large. The pages should be 8.5 x 11 or A4. If this PDF is submitted, the pages will be resized upon entry into the Image File Wrapper and may affect subsequent processing

Document Description	Page Start	Page End
Transmittal letter	1	3
Oath or Declaration filed	4	6

fee-info.pdf	2	Fee Worksheet (PTO-875)	8667 bytes	◆ PASS
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This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 Indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

*If you need help:*

- Call the Patent Electronic Business Center at (866) 217-9197 (toll free) or e-mail [EBC@uspto.gov](mailto:EBC@uspto.gov) for specific

## Patent Electronic Filing

Page 2 of 2

*questions about Patent e-Filing.*

- *Send general questions about USPTO programs to the USPTO Contact Center (UCC).*
- *If you experience technical difficulties or problems with this application, please report them via e-mail to Electronic Business Support or call 1 800-786-9199.*

**Electronic Patent Application Fee Transmittal**

<b>Application Number:</b>	10596626			
<b>Filing Date:</b>				
<b>Title of Invention:</b>	MICROLITHOGRAPHY PROJECTION OBJECTIVE WITH CRYSTAL LENS			
<b>First Named Inventor:</b>	Karl-Helz Schuster			
<b>Filer:</b>	Jay Philip Lessler/Lillian Garcia			
<b>Attorney Docket Number:</b>	01641/0204258-US0			
Filed as Large Entity				
<b>U.S. National Stage under 35 USC 371 Filing Fees</b>				
<b>Description</b>	<b>Fee Code</b>	<b>Quantity</b>	<b>Amount</b>	<b>Sub-Total In USD(\$)</b>
<b>Basic Filing:</b>				
Natl Stage Search Fee - Report provided	1642	1	400	400
National Stage Exam - all other cases	1633	1	200	200
<b>Pages:</b>				
<b>Claims:</b>				
Claims in excess of 20	1615	7	50	350
Multiple dependent claims	1616	1	360	360
<b>Miscellaneous-Filing:</b>				
Oath/decl > 30 months from priority date	1617	1	130	130

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
<b>Petition:</b>				
<b>Patent-Appeals-and-Interference:</b>				
<b>Post-Allowance-and-Post-Issuance:</b>				
<b>Extension-of-Time:</b>				
<b>Miscellaneous:</b>				
<b>Total in USD (\$)</b>				<b>1440</b>

PTO-1380 (Rev. 07-2005)

Approved for use through 03/31/2007. OMB 0651-0021

U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER 01641/0204258-US0
INTERNATIONAL APPLICATION NO. PCT/EP2004/014290	INTERNATIONAL FILING DATE 15 December 2004	U.S. APPLICATION NO. (if known, see 37 CFR 1.5) 10/596,626
		PRIORITY DATE CLAIMED 19 December 2003
TITLE OF INVENTION MICROLITHOGRAPHY PROJECTION OBJECTIVE WITH CRYSTAL LENS		
APPLICANT(S) FOR DO/EO/US Karl-Heinz Schuster et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
1. <input type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.		
2. <input checked="" type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.		
3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.		
4. <input type="checkbox"/> The US has been elected (Article 31).		
5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371 (c)(2))		
a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).		
b. <input type="checkbox"/> has been communicated by the International Bureau.		
c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).		
6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).		
a. <input type="checkbox"/> is attached hereto.		
b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).		
7. <input type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))		
a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).		
b. <input type="checkbox"/> have been communicated by the International Bureau.		
c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.		
d. <input type="checkbox"/> have not been made and will not be made.		
8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).		
9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).		
10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).		
<b>Items 11 to 20 below concern document(s) or information included:</b>		
11. <input type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.		
12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.		
13. <input type="checkbox"/> A preliminary amendment.		
14. <input type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.		
15. <input type="checkbox"/> A substitute specification.		
16. <input type="checkbox"/> A power of attorney and/or change of address letter.		
17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.		
18. <input type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).		
19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).		

PTO-1580 (Rev. 07-2005)

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U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 10/596,626		INTERNATIONAL APPLICATION NO. PCT/EP2004/014290		ATTORNEYS DOCKET NUMBER 01641/0204258-US0	
20. <input type="checkbox"/> Other items or information:					
The following fees have been submitted					
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)) .....				CALCULATIONS	PTO USE ONLY
				\$ PAID	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))					
If the written opinion prepared by ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) .....				\$ 200.00	
All other situations .....				\$200	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b))					
If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4) .....				\$	
Search fee (37 CFR 1.445(a)(2)) has been paid on the International application to the USPTO as an International Searching Authority .....				\$100	
International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB .....				\$400	
All other situations .....				\$500	
TOTAL OF 21, 22 and 23 =				\$ 600.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(i)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE		
- 100 =	/50 =		x \$250.00	\$	
Surcharge of \$130 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).				\$ 130.00	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	27 - 20 =	7	x 50.00	350.00	
Independent claims	- 3 =	0	x 200.00	0.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ 360.00	360.00	
TOTAL OF ABOVE CALCULATIONS =				\$ 1,440.00	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.					
SUBTOTAL =				\$ 1,440.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
TOTAL NATIONAL FEE =				\$ 1,440.00	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property				\$	
				\$	
TOTAL FEES ENCLOSED =				\$ 1,440.00	
Amount to be refunded:				\$	
Amount to be charged				\$	



PTO-1390 (Rev. 07-2005)

Approved for use through 03/31/2007, OMB 0651-0021  
U. S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

- a. ☐ A check in the amount of \$ 1,440.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. 04-0100 in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit  
Account No. 04-0100. A duplicate copy of this sheet is enclosed.
- d. ☒ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information  
should not be included on this form. Provide credit card information and authorization on PTO-2038

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be  
filed and granted to restore the International Application to pending status.

## SEND ALL CORRESPONDENCE TO:

Melvin C. Garner  
DARBY & DARBY P.C.  
P.O. Box 5257  
New York, New York 10150-5257  
(212) 527-7717

CUSTOMER NUMBER: 07278

/Flynn Barrison/

SIGNATURE

Flynn Barrison

NAME

53,970

REGISTRATION NUMBER

PTO/SB/103 (8-96)

Approved for use through 9/30/98. OMB 0651-0032  
Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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**Declaration and Power of Attorney for Patent Application****Erklärung für Patentanmeldungen mit Vollmacht****German Language Declaration**

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daß mein Wohnsitz, meine Postanschrift und meine Staatsangehörigkeit den im nachstehenden nach meinem Namen aufgeführten Angaben entsprechen, daß ich nach bestem Wissen der ursprüngliche, erste und alleinige Erfinder (falls nachstehend nur ein Name angegeben ist) oder ein ursprünglicher, erster und Mitfinder (falls nachstehend mehrere Namen aufgeführt sind) des Gegenstandes bin, für den dieser Antrag gestellt wird und für den ein Patent für die Erfindung mit folgendem Titel beantragt wird:

MICROLITHOGRAPHY PROJECTION OBJECTIVE  
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deren Beschreibung hier beigelegt ist, es sei denn (in diesem Falle Zutreffendes bitte ankreuzen), diese Erfindung

☒ wurde angemeldet am 12/15/2004  
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PCT/EP2004/014290 und am  
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Ich bestätige hiermit, daß ich den Inhalt der oben angegebenen  
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durch einen oben erwähnten Zusatzantrag abgeändert wurde,  
durchgesehen und verstanden habe.

Ich erkenne meine Pflicht zur Offenbarung jeglicher  
Informationen an, die zur Prüfung der Patentfähigkeit in  
Einklang mit Titel 37, Code of Federal Regulations, § 1.56 von  
Belang sind.

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated  
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I believe I am the original, first and sole inventor (if only one  
name is listed below) or an original, first and joint inventor (if  
plural names are listed below) of the subject matter which is  
claimed and for which a patent is sought on the invention entitled

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WITH CRYSTAL LENSthe specification of which is attached hereto unless the  
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as United States Application Number or  
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PCT/EP2004/014290 and was amended on  
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I hereby state that I have reviewed and understand the contents of  
the above identified specification, including the claims, as  
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Regulations, Section 1.56.

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Ich beanspruche hiermit ausländische Prioritätsvorteile gemäß Title 35, US-Code, § 119 (a)-(d), bzw. § 365(b) aller unten aufgeführten Auslandsanmeldungen für Patente oder Erfinderrkunden, oder § 365(a) aller PCT internationalen Anmeldungen, welche wenigstens ein Land ausser den Vereinigten Staaten von Amerika benennen, und habe nachstehend durch ankreuzen sämtliche Auslandsanmeldungen für Patente bzw. Erfinderrkunden oder PCT internationale Anmeldungen angegeben, deren Anmeldetag dem der Anmeldung, für welche Priorität beansprucht wird, vorangeht.

Prior Foreign Application(s)  
(Frühere ausländische Anmeldungen)

Priority Not Claimed  
Priorität nicht beansprucht

(Number)  
(Nummer)

(Country)  
(Land)

(Day/Month/Year Filed)  
(Tag/Monat/Jahr der Anmeldung)

☐

(Number)  
(Nummer)

(Country)  
(Land)

(Day/Month/Year Filed)  
(Tag/Monat/Jahr der Anmeldung)

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Ich beanspruche hiermit Prioritätsvorteile unter Title 35, US-Code, § 119(e) aller US-Hilfsanmeldungen wie unten aufgezählt.

I hereby claim the benefit under Title 35, United States Code, Section 119(e) of any United States provisional application(s) listed below.

60/530,623  
(Application No.)  
(Anmeldenummer)

19 December 2003  
(Filing Date)  
(Anmeldetag)

60/568,006  
(Application No.)  
(Anmeldenummer)

4 May 2004  
(Filing Date)  
(Anmeldetag)

Ich beanspruche hiermit die mir unter Title 35, US-Code, § 120 zustehenden Vorteile aller unten aufgeführten US-Patentanmeldungen bzw. § 365(c) aller PCT internationalen Anmeldungen, welche die Vereinigten Staaten von Amerika benennen, und erkläre, dass der Gegenstand eines jeden früheren Anspruchs dieser Patentanmeldung nicht in einer US-Patentanmeldung, bzw. PCT internationalen Anmeldung in der Form gemäß dem ersten Absatz von Title 35, US-Code, § 112 vorgeschriebenen Art und Weise offenbart wurde, meine Pflicht zur Offenbarung jeglicher Informationen an, die zur Prüfung der Patentfähigkeit in Einklang mit Title 37, Code of Federal Regulations, § 1.56 von Belang sind und die im Zeitraum zwischen dem Anmeldetag der früheren Patentanmeldung und dem nationalen oder im Rahmen des Vertrags über die Zusammenarbeit auf dem Gebiet der Patentrechts (PCT) gültigen internationalen Anmeldetags bekannt geworden sind.

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(Application No.)  
(Anmeldenummer)

(Filing Date)  
(Anmeldetag)

(Status) (patented, pending, abandoned)  
(Status) (patentiert, schwebend, aufgegeben)

(Application No.)  
(Anmeldenummer)

(Filing Date)  
(Anmeldetag)

(Status) (patented, pending, abandoned)  
(Status) (patentiert, schwebend, aufgegeben)

Ich erkläre hiermit, daß alle in der vorliegenden Erklärung von mir gemachten Angaben nach bestem Wissen und Gewissen der Wahrheit entsprechen, und ferner daß ich diese eidgenössische Erklärung im Kenntnis dessen ablege, daß wissentlich und vorsätzlich falsche Angaben oder dergleichen gemäß § 1001, Title 18 des US-Code strafbar sind und mit Geldstrafe und/oder Gefängnis bestraft werden können und daß dergleichen wissentlich und vorsätzlich falsche Angaben die Rechtswirksamkeit der vorliegenden Patentanmeldung oder eines aufgrund deren erteilten Patents gestifteten können.

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PTO/SB/105 (8-96)

Approved for use through 9/30/98, OMB 0051-0032

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## German Language Declaration

VERTRETUNGSVOLMACHT: Als benannter Erfinder beauftrage ich hiermit den (die) nachstehend aufgeführten Patentanwalt (Patentanwälte) und/oder Vertreter mit der Verfolgung der vorliegenden Patentanmeldung sowie mit der Abwicklung aller damit verbundenen Angelegenheiten vor dem US-Patent- und Markenamt: (Name(n) und Registrationsnummer(n) auflisten)

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: (list name and registration number).

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(Supply similar information and signature for third and subsequent joint inventors.)